

★ISHI Q51 Q52 96-247485/25 ★JP 08100621-A

Lubricating device for four stroke cycle engines esp. lawnmowers - has moving valve mechanism by which lubricant is supplied to various parts for facilitating lubrication

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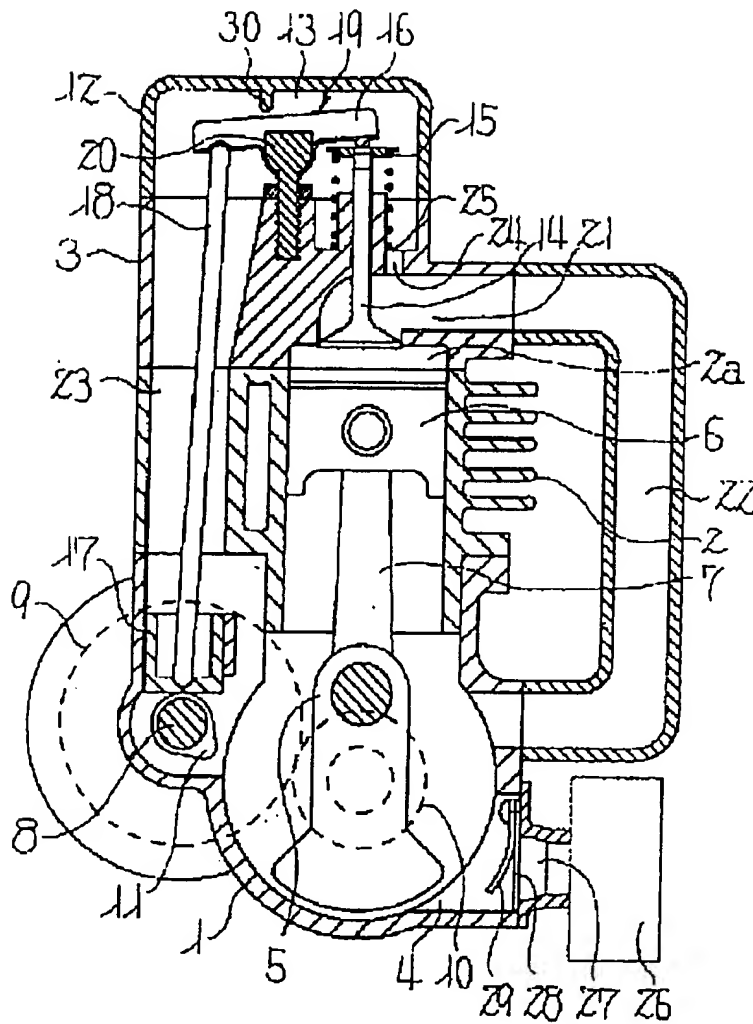
The device includes a crank case (4) which varies the internal pressure because of reciprocation of a piston (6) inside cylinders. A suction passage (27) permits entry of lubricant mixture of an evaporator (26) and that of the crank case. A suction valve (28) permits the introduction of mixture from evaporator to crank case by rise of negative pressure. Through a first mixture passage (22) and later through a suction port (21), the mixture is lead through a cylinder (2a).

A container (13) consists of a valve mechanism (19) which opens and shuts the suction/exhaust valve. Through a second mixture passage (23), the mixture is led out to ea part for performing lubrication.

ADVANTAGE - Improves inhalation efficiency of mixture. Improves lubrication effect to all moving parts of engine. Enables purification of exhaust gases and prevents oil leakage. Facilitates mounting on portable industrial machine as well. Reduces size and weight of engine. Regulates flow of lubricant through narrow channels, thereby improving addition of lubrication. (6pp Dwg.No.1/4)

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